

## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <a href="http://about.jstor.org/participate-jstor/individuals/early-journal-content">http://about.jstor.org/participate-jstor/individuals/early-journal-content</a>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

## THE NEW ERA PRINTING COMPANY

## LANCASTER, PA.

Is prepared to execute in first-class and satisfactory manner all kinds of printing and electrotyping. Particular attention given to the work of Schools, Colleges Universities, and Public Institutions.

### Books, Periodicals

### Technical and Scientific Publications

Monographs, Theses, Catalogues

Announcements, Reports, etc.

### All Kinds of Commercial Work

(Printers of the Bulletin and Transactions of the American Mathematical Society, etc., etc.)

Publishers will find our product ranking with the best in workmanship and material, at satisfactory prices. Our imprint may be found on a number of high-class Technical and Scientific Books and Periodicals. Correspondence solicited. Estimates furnished.

THE NEW ERA PRINTING COMPANY

# Wiley Mathematical Books

# Now Ready!

# A 'Two-Part' Edition of Graphical and Mechanical Computation

By JOSEPH LIPKA, Ph.D.,
Assistant Professor of Mathematics,
Massachusetts Institute of Technology.
PART I—ALIGNMENT CHARTS
PART II—EXPERIMENTAL DATA

THESE two Parts are entirely independent of each other. At the Massachusetts Institute of Technology the separate Parts are used as the required text-books by the engineering classes during the first two years of their course. After this the complete book (also still issued in its original form) is used as an engineering laboratory text by those students electing to take this course.

PART I—120 pages. 6 by 9. Fully illustrated. Cloth, \$2.00 postpaid.

PART II—140 pages. 6 by 9. Many line cuts. Cloth, \$2.00 postpaid.

Complete—264 pages. 6 by 9. 205 figures. Cloth, \$4.00 postpaid.

# Plane Trigonometry

By ARNOLD DRESDEN, Ph.D., Associate Professor of Mathematics, University of Wisconsin.

Supplies the need for a text on elementary trigonometry emphasizing the importance of the function concept. The treatment is adapted to the stage of logical development which may be expected of students who begin the study of trigonometry, and is intended to arouse their critical powers and to develop in them a desire for more penetrating analysis.

110 pages. 5½ by 8½. 58 figures. Cloth, \$1.60 postpaid.

## HAVE YOU CONSIDERED THESE BOOKS?

By HENRY B. PHILLIPS, Ph. D.

### ANALYTICAL GEOMETRY

Equips the student for work in calculus and engineering.
197 pages. 5 by 7½. Illustrated. Cloth, \$1.75 postpaid.

### DIFFERENTIAL CALCULUS

Gives the essentials of differential calculus and simple topics of integral calculus requiring only the indefinite integral.

162 pages. 5 by 74. 103 figures.

162 pages. 5 by 7½. 103 figures. Cloth, \$1.50 net.

### INTEGRAL CALCULUS

Completes the course in mathematics begun in "Analytic Geometry" and continued in "Differential Calculus." It encourages individual work by presenting detailed methods and formulas as suggestions rather than as rules. 194 pages. 5 by 7½. Cloth, \$1.75 postpaid.

## DIFFERENTIAL AND INTEGRAL CALCULUS. Combined Edition.

356 pages. 5 by 7½. 103 figures. Cloth, \$2.50.

Send TODAY for Free Examination copies of these books.

## JOHN WILEY & SONS, Inc.,

432 Fourth Ave.

NEW YORK CITY

AMM. 0-21